



AVIENT SPECIALTY INKS

ASI Stretch White LC

ASI Stretch White LC is a non-phthalate, low cure plastisol ink with exceptional stretch and adhesion properties. ASI Stretch White LC can be used as a first-down base, mixing base or as an additive to increase elongation properties of any of our inks across all brands.

HIGHLIGHTS

- ▶ Low-cure, save energy
- ▶ Ideal for heat sensitive or stretch fabrics
- ▶ Superior adhesion to fabrics, stretch properties, and wash durability

PRINTING TIPS

- ▶ Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- ▶ ASI Stretch White LC can be cured between 270°F - 320°F (132°C - 160°C)
- ▶ Use a printing technique to assure a good ink deposit to maximize stretch and film strength properties
- ▶ Adjust flash cure temperature and dwell time so ink is just dry to touch. Depending on flash unit, a 2 - 3 second flash is adequate
- ▶ Curing is a time and temperature process, a lower oven temperature setting with a slower belt speed while maintaining recommended ink cure temperature is always best to protect fabric, control dye migration and reduce energy consumption
- ▶ ASI Stretch White LC is not a low-bleed ink; when printing on fabrics that are prone to bleed use in combination with an approved Avient low bleed white and/or blocker

COMPLIANCE

- ▶ Non-phthalate
- ▶ For individual compliance certifications and conformity statements, please visit:
www.avient.com/wilflex-compliance

PRECAUTIONS

The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications



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INKS

V1.35 (Modified: 05/08/2025)

PRODUCT INFORMATION BULLETIN



RECOMMENDED PARAMETERS



Fabric Types

100% cotton, blends, acrylic, nylon, some synthetics



Mesh

Count: 86-230 t/in (34-90 t/cm)
Tension: 25-35 n/cm²



Squeegee

Durometer: 60/90/60, 60-70
Profile: Square, Sharp
Stroke: Hard flood, Medium stroke
Angle: 10-15%



Stencil

2 over 2
Off Contact: 1/16" (.2cm)
Emulsion Over Mesh: 15-20%



Flash & Cure

Flash: 220°F (105°C)
Cure: 270°F - 320°F (132°C - 160°C)
Entire ink film



Pigment Loading

N/A



Additives

ASI Viscosity Buster-1% max



Storage

65-90°F (18-32°C)
Avoid direct sunlight
Use within one year of receipt



Clean Up

Ink degradant or press wash



Health & Safety

Find SDS information here:
www.avient.com/resources/safety-data-sheets
or contact your local CSR